

Oklahoma Crop Weather



USDA - National Agricultural Statistics Service
Oklahoma Field Office

cooperating with Oklahoma Department of Agriculture, Food, and Forestry
P.O. Box 528804 • Oklahoma City, OK 73152

405-522-6190 • 1-888-525-9226 • FAX 405-528-2296 • nass-ok@nass.usda.gov

To access USDA-NASS reports: <http://www.usda.gov/nass/> or <http://www.nass.usda.gov/weather/cpcurr/ok-crop-weather>



A combined contribution with Cooperative Extension Service, USDA Farm Service Agency, and The Oklahoma Mesonet

VOLUME 28, NUMBER 24

Issued August 1, 2005

Cool Front Less Effective Due to Dry Conditions

With temperatures averaging in the high 70's, the cool front Oklahoma experienced for a couple of days last week was unable to boost crop conditions due to the continued overall lack of moisture. Although all nine districts received some rain over the week, the South Central district was the only district to accumulate more than an inch. Additionally, all districts were still well below normal precipitation for this time of year. Soil moisture supplies were depleted even more last week. Over three-fourths of the State had topsoil moisture rated as short to very short. Subsoil moisture conditions were slightly better with 62 percent rated short to very short. There were 6.3 days suitable for field work last week.

TOPSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	26	50	23	1
Last Week	15	49	36	0
Last Year	7	20	68	5

SUBSOIL MOISTURE BY PERCENT

	Very Short	Short	Adequate	Surplus
This Week	16	46	38	0
Last Week	11	36	53	0
Last Year	10	19	67	4

Small Grains: Small grain harvest was completed. Only a small portion of the small grain acreage was left to be plowed. Many producers were waiting for more moisture before completing any additional cultivation.

Row Crops: Row crops were still showing signs of heat stress. Cotton recorded the largest decrease in condition from last week, but all row crops remain in mostly good condition. Over half of the corn was in the dough stage. Corn maturity gained an additional 6 points to 17 percent mature. Sorghum heading and coloring increased slightly to 32 and 10 percent, respectively, but still lagged a little behind normal. Soybeans blooming reached 60 percent while 36 percent were setting pods. Peanuts pegging increased 2 points from the previous week to 96 percent complete. Peanut setting pods was 7 points ahead of normal at 71 percent. Cotton progressed to 88 percent squaring and 34 percent setting bolls.

ROW CROPS CONDITION BY PERCENT

Week Ending July 31, 2005

	Very Poor	Poor	Fair	Good	Excellent
Corn	1	7	18	28	46
Soybeans	0	5	35	55	5
Peanuts	0	0	30	60	10
Cotton	5	9	35	51	0
Sorghum	0	3	26	50	21

Hay: Both alfalfa and other hay conditions declined some from last week but were still in mostly fair to good condition. The dry conditions have taken a toll on the hay crop and in some areas growth has been stunted. The third cutting of alfalfa advanced to 93 percent complete, 9 points higher than the five-year average. The fourth cutting of alfalfa, at 27 percent, was 17 points ahead of normal. Other hay first cutting was virtually complete with 93 percent cut while the second cutting gained 8 percentage points to 31 percent cut.

HAY CONDITION BY PERCENT

Week Ending July 31, 2005

	Very Poor	Poor	Fair	Good	Excellent
Alfalfa	1	11	37	45	6
Other Hay	3	12	45	37	3

Miscellaneous Commodities: Fifty-eight percent of the watermelon crop has been harvested. Watermelon conditions were mostly fair.

Pasture and Range: Pasture conditions dipped slightly over the week and were in mostly fair condition. Some areas were reporting that pastures were starting to burn from the heat and drought. In the Panhandle, over 7,000 acres of grazing have been lost to range fires.

Livestock: The heat stress on livestock was showing as livestock conditions declined over the week. Livestock marketings were rated as average. Death loss of cattle was mostly light to average. Livestock insect activity was also light to moderate. Feeder steers less than 800 pounds were \$112.15 per cwt. and feeder heifers less than 800 pounds were \$106.47 per cwt.

LIVESTOCK CONDITION BY PERCENT

Week Ending July 31, 2005

	Very Poor	Poor	Fair	Good	Excellent
Livestock	0	2	49	44	5
Pasture & Range	5	12	47	34	2

OKLAHOMA CROP PROGRESS									
Week Ending July 31, 2005									
Item	This Week	Last Week	Last Year	5 - Yr Avg.	Item	This Week	Last Week	Last Year	5 - Yr Avg.
Wheat -					Peanuts -				
Plowed	90	87	88	91	Pegging	96	94	94	93
Oats -					Setting Pods	71	60	69	64
Plowed	96	90	90	91	Cotton -				
Rye -					Squaring	88	83	89	90
Plowed	98	96	92	N/A	Setting Bolls	34	11	53	53
Corn -					Alfalfa -				
Silking	94	91	97	91	3 rd Cutting	93	85	92	84
Dough	58	40	55	54	4 th Cutting	27	N/A	10	10
Mature	17	11	21	20	Other Hay -				
Sorghum -					1 st Cutting	93	91	94	95
Headed	32	26	46	46	2 nd Cutting	31	23	44	44
Coloring	10	6	19	16	Watermelons -				
Soybeans -					Harvested	58	51	75	70
Blooming	60	51	55	59					
Setting Pods	36	23	35	37					

Weather for Week Ending July 31, 2005 - Temperatures ranged from 47 degrees at Mangum on Thursday, July 28th, to 104 degrees at Hooker on Sunday, July 31st. Precipitation averaged 0.06 inches in Panhandle district to 1.35 inches in South Central district. Soil temperatures averaged 75 degrees at Jay and Tahlequah on Thursday, July 28th, to 95 degrees at Bessie on Monday, July 25th.

MESONET TEMPERATURE AND PRECIPITATION DATA							
Week Ending July 31, 2005							
Districts	Temperature			Precipitation			
	High	Low	Average	This Week	March 1, 2005 to July 31, 2005		
					Total	Departure from Normal	Percent of Normal
	Degrees			Inches			
Panhandle	92	60	76	0.06	10.46	-1.84	85
West Central	91	63	78	0.09	11.71	-4.18	74
Southwest	92	64	79	0.18	9.86	-6.38	61
North Central	92	62	78	0.13	12.66	-4.62	73
Central	91	63	78	0.30	12.27	-7.27	63
South Central	90	66	78	1.35	12.36	-7.73	62
Northeast	91	63	78	0.30	14.20	-6.73	68
East Central	91	65	78	0.93	13.64	-8.51	62
Southeast	93	66	79	0.20	11.74	-11.87	50

“OKLAHOMA CROP WEATHER SUMMARY” (ISSN 0194-4770) is issued weekly March - November, monthly January and February, no issue in December, by Oklahoma Agricultural Statistics, P.O. Box 528804, Oklahoma City, OK 73152. Periodicals postage paid at Oklahoma City, Oklahoma and additional Mailing Offices.